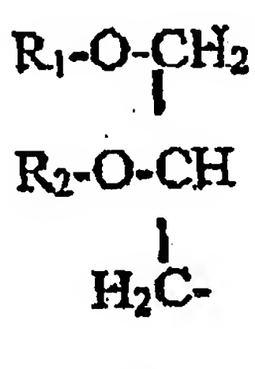
AMENDMENTS TO THE CLAIMS

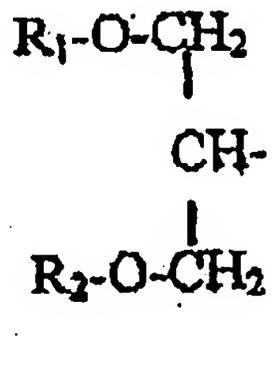
1. **(Currently Amended)** A synthetic molecule of formula I:

A-B-E-D (I)

Wherein A represents R, or a glyceride group having the formula Ia or Ib:



(Ia)



(Ib)

wherein R is H or a linear or branched alkyl of up to 40 carbon atoms; R_1 and R_2 are independently H, alkyl or acyl and wherein the alkyl or acyl groups are linear or branched having up to 40 carbon atoms;

B is selected from the group consisting of ~~comprising~~ phosphate, phosphonate, sulfonate, carbamate, and phosphothionate;

E comprises a spacer or linker group providing a linkage between groups B and D and is selected from the group consisting of –cyclohexyl-[[;]] and $–CHR_3-CHR_4-$ wherein R_3 and R_4 are independently H, CH_2OH, CH_2-, or $(CH(OH))_m-CH_2OH$ or $CH((CHOH)_mCH_2OH)$-; and wherein m=1 to 6;

D comprises at least one sugar moiety selected from the group consisting of ~~comprising~~ D-mannose, D-galactose, D-glucose, D-glucosamine, N-acetylglucosamine, and 6-deoxy-L-mannose, wherein when D is more than one sugar moiety, the sugar moiety may comprise a single chain of the same or different sugar moieties, or may comprise two or more separate sugar moieties or chains of sugar moieties attached to E at different sites; with the proviso that when A is a diacyl or monacyl glyceride, R_3 and R_4 cannot both be H; and with the proviso that when R_3 is H, R_4 cannot be CH_2OH.

2. **(Original)** A synthetic molecule as claimed in claim 1, wherein R is a linear or branched alkyl of between 6 and 22 carbon atoms.

3. **(Cancelled)**

4. **(Currently Amended)** A synthetic molecule as claimed in claim 2~~3~~, wherein R is a linear or branched alkyl of between 16 and 20 carbon atoms.

5. **(Currently Amended)** A synthetic molecule as claimed in ~~any one of~~ claim[[s]] 1[[-4]] wherein the alkyl or acyl groups of R_1 and R_2 are linear or branched having between 6 and 22 carbon atoms.

6. **(Cancelled)**

7. **(Currently Amended)** A synthetic molecule as claimed in claim 46, wherein the alkyl or acyl groups of R_1 and R_2 are linear or branched having between 16 and 20 carbon atoms.

8. **(Original)** A synthetic molecule according to claim 1, wherein D comprises a monosaccharide or oligosaccharide chain of 2 to 12 α-1,2 and/or α-1,6 linked sugar moieties which are O-linked to carbon atoms on spacer group E.

9. **(Currently Amended)** A synthetic molecule as claimed in claim 68, wherein D comprises one or more optionally acylated monosaccharide or oligosaccharide chains of 2 to 6 moieties.

10. **(Cancelled)**

11. **(Currently Amended)** A synthetic molecule as claimed in ~~any one of~~ claim[[s]] 1[[-10]], wherein R_1 and R_2 are fatty acids independently selected from the group consisting of ~~comprising~~ myristate, palmitate, heptadecanoate, stearate, tuberculostearate and ~~or~~ linolenate; B is phosphate; E is $-CHR_3CHR_4-$, wherein R_3 is CH_2- and R_4 is H; and D is at least one sugar moiety comprising D-mannose or an oligosaccharide chain of α-1,2 and/or α-1,6-linked mannose residues.

12. **(Original)** A pharmaceutical composition comprising at least one compound of formula (I) as defined in claim 1, or a pharmaceutically acceptable salt thereof together with a pharmaceutically acceptable carrier.

13. **(Currently Amended)** A method of ~~A use of a compound of formula (I) as defined in claim 1 or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for~~ treating or preventing an inflammatory or immune cell-mediated disease or disorder comprising administering to a mammal in need thereof an effective amount of a compound of formula (I) as defined in claim 1, wherein said disease or disorder is selected from the group consisting of asthma, allergic rhinitis, dermatitis, psoriasis, inflammatory bowel disease including Crohn's disease and ulcerative colitis, rheumatoid arthritis, multiple sclerosis, diabetes, systemic lupus erythmatosis and atherosclerosis ~~in a mammal in need thereof~~.

14. **(Cancelled)**

15. **(Cancelled)**

16. **(Cancelled)**

17. **(Cancelled)**

18. **(Cancelled)**

19. **(Cancelled)**

20. **(Currently Amended)** A process for preparing synthetic molecules of formula (I) as defined in claim 1, comprising the steps of:

(i) modifying ~~modification of~~ a benzylated allyl glycoside compound to form an intermediate by dihydroxylation of the double bond using a catalytic amount of osmium tetraoxide and excess N-methyl morpholine-1-oxide to give a glycosyl glycerol as an intermediate for further modification.

(ii) selectively benzoylating ~~selective benzoylation of~~ the glycosyl glycerol intermediate to form a glycosyl glycerol unit with the 2° hydroxyl group protected as a benzoyl ester;

(iii) glycosylating ~~glycosylation of~~ the 1° hydroxyl group of the intermediate compound and selective removal of the benzoyl protecting group;

(iv) phosphorylating ~~phosphorylation of~~ the 1° or 2° hydroxyl groups of the intermediate compound; and

(v) removing ~~removal of~~ the benzyl protecting groups to form a compound of formula (I).

21. **(Original)** A process as claimed in claim 20, wherein step (ii) is carried out by temporary tritylation of the 1° hydroxyl group using trityl chloride and pyridine, addition of benzoyl chloride and acidic hydrolysis of the trityl group.

22. **(Original)** A process as claimed in claim 20, wherein step III is carried out by an N-iodosuccimide trifluoromethanesulfonate promoted glycosylation reaction with a perbenzylated glycosyl phosphite, or a trimethylsilyl trifluoromethanesulfonate promoted glycosylation reaction with a perbenzylated glycosyl trichloroimidate.

23. **(Original)** A process as claimed in claim 20, wherein step (iv) is carried out using:

(a) a 1,2-di-O-acyl-sn-glycero-3-H-phosphonate triethylammonium salt;

(b) *N,N*-diisopropyl 1,2-di-O-acyl-sn-glycero-3-phosphoramidite and subsequent oxidation with *m*-chloroperoxybenzoic acid; and

(c) *N,N*-diisopropyl alkylphosphoramidite and subsequent oxidation with *m*-chloroperoxybenzoic acid.

24. **(Original)** A process as claimed in claim 20, wherein step (v) is carried out by catalytic hydrogenolysis over palladium on carbon at either atmospheric or 300 psi pressure of hydrogen.

25. **(Currently Amended)** A process for preparing synthetic molecules of formula (I) as defined in claim 1 comprising the steps:

(i) glycosylating ~~glycosylation of~~ a benzylated mono-acetylated diol followed by deacetylation;

(ii) phosphorylating ~~phosphorylation of~~ the 1° or 2° hydroxyl groups of the compound of step (i); and

(iii) removing ~~removal of~~ the benzyl protecting groups to form a compound of formula (I).

26. **(Original)** A process as claimed in claim 25, wherein step (i) is carried out by an N-iodosuccimide trifluoromethanesulfonate promoted glycosylation reaction with a perbenzylated glycosyl phosphite, or a trimethylsilyl trifluoromethanesulfonate promoted glycosylation reaction with a perbenzylated glycosyl trichloroimidate.

27. **(Original)** A process as claimed in claim 25, wherein step (ii) is carried out using:

(a) a 1,2-di-O-acyl-sn-glycero-3-H-phosphonate triethylammonium salt;

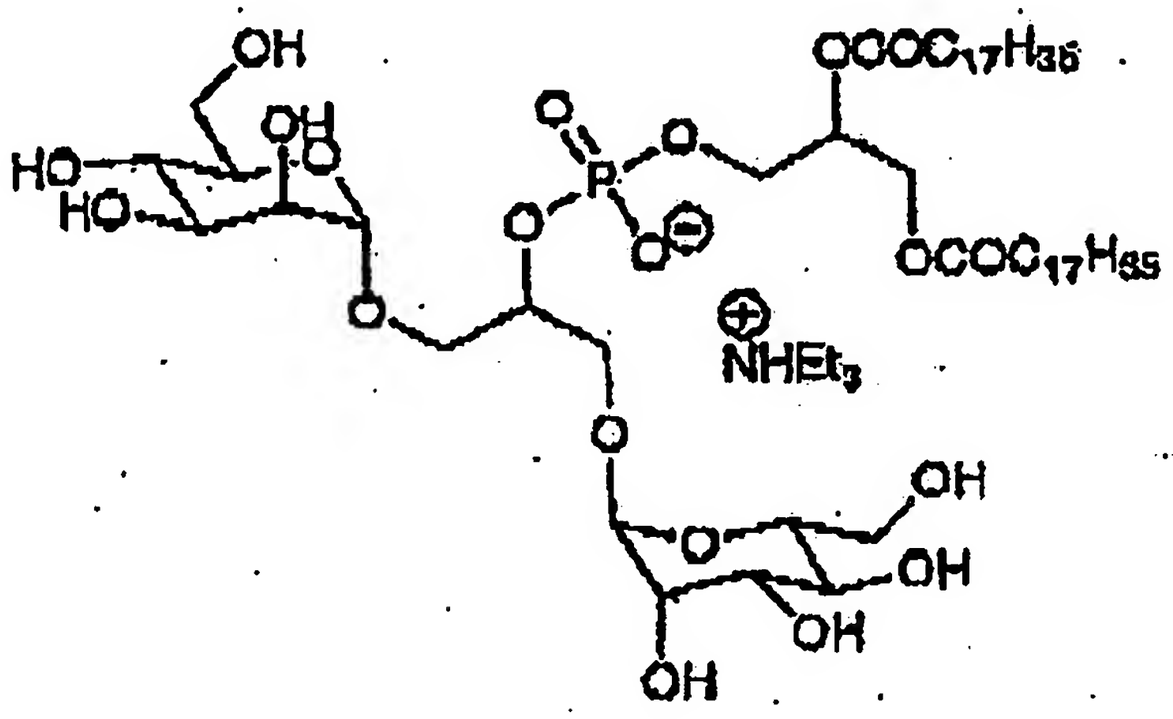
(b) *N,N*-diisopropyl 1,2-di-O-acyl-sn-glycero-3-phosphoramidite and subsequent oxidation with *m*-chloroperoxybenzoic acid; and

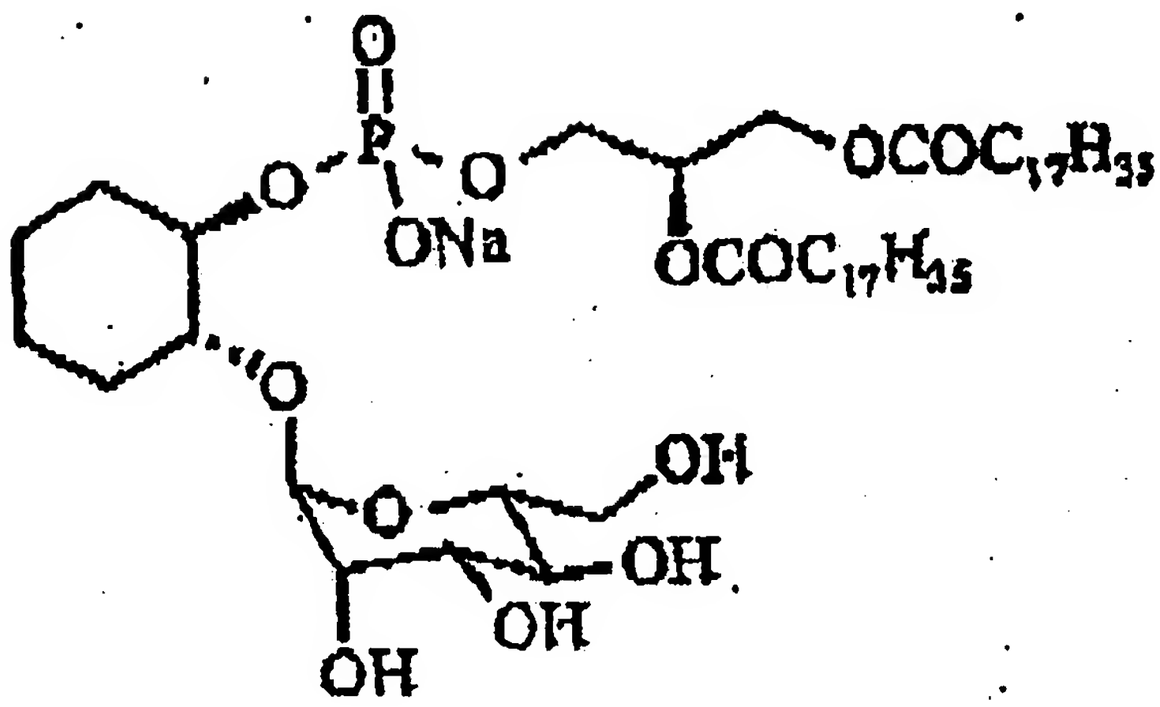
(c) *N,N*-diisopropyl alkylphosphoramidite and subsequent oxidation with *m*-chloroperoxybenzoic acid.

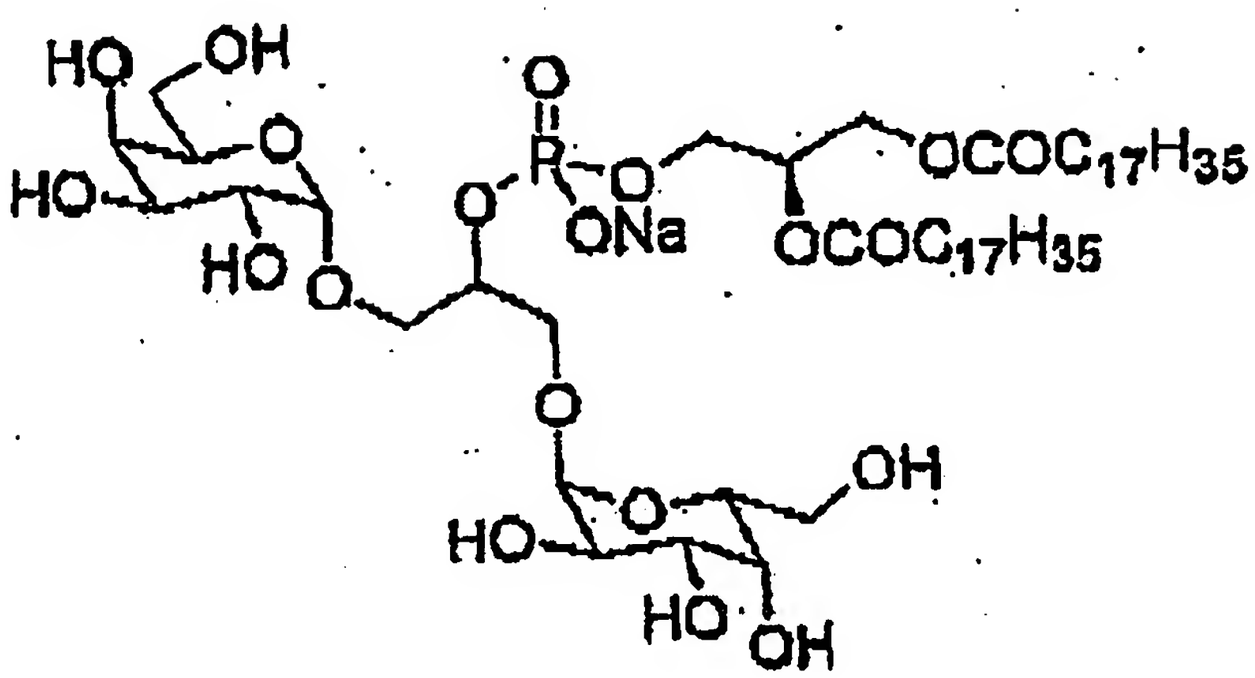
28. **(Original)** A process as claimed in claim 25, wherein step (iii) is carried out by catalytic hydrogenolysis over palladium on carbon at either atmospheric or 300 psi pressure of hydrogen.

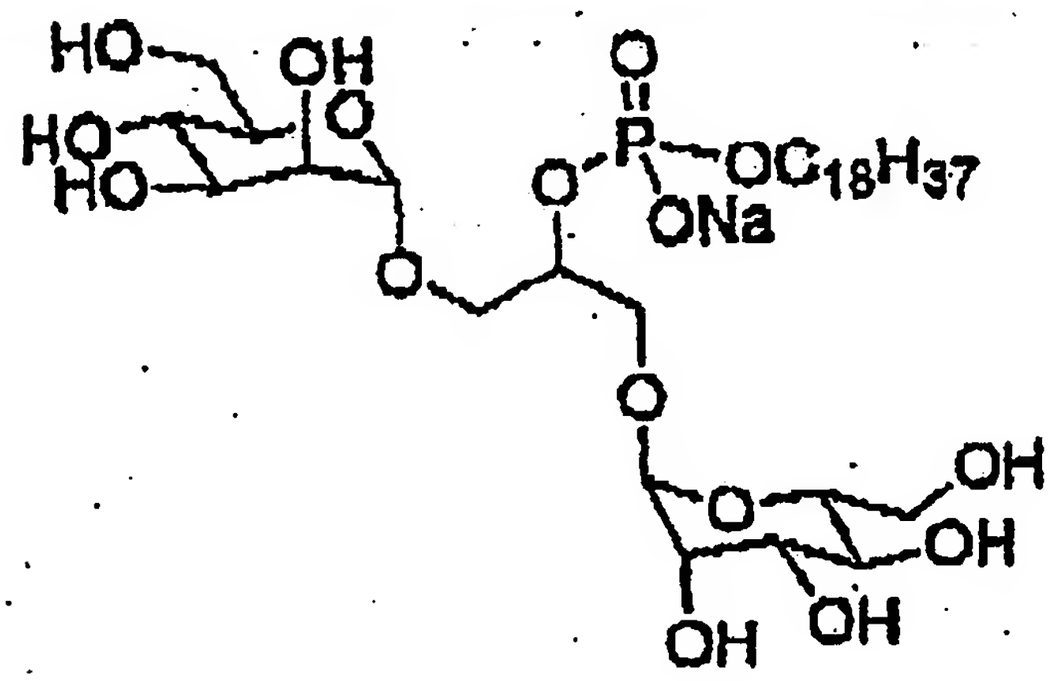
29. **(Cancelled)**

30. **(Currently Amended)** A compound of formula (I), as defined in claim 1, selected from the group consisting of ~~comprising~~:









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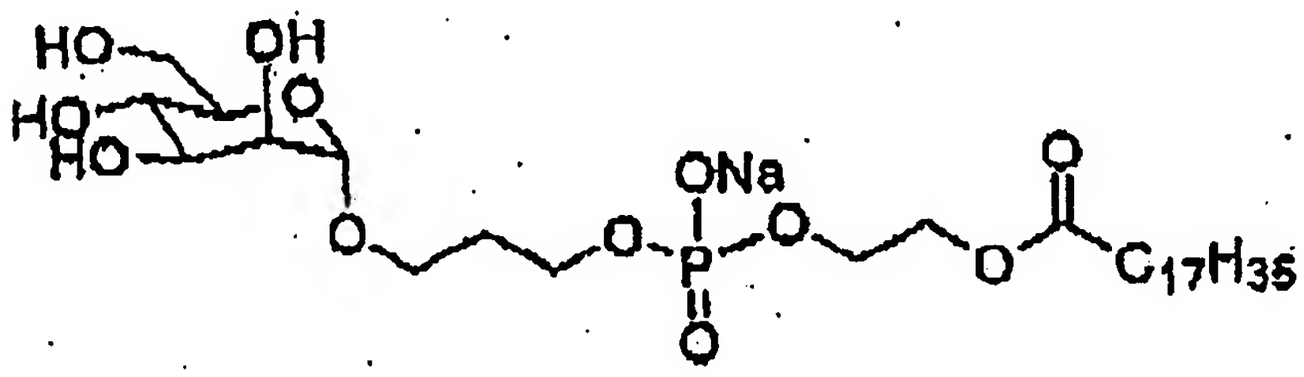

31. **(Cancelled)**

32. **(Cancelled)**

33. **(Cancelled)**

34. **(Cancelled)**